

(19)



Europäisches Patentamt
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Office européen des brevets



(11) Publication number:

0 511 614 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **92107145.2**(51) Int. Cl.⁵: **H04B 7/26**(22) Date of filing: **27.04.92**(30) Priority: **27.04.91 JP 124765/91**(43) Date of publication of application:
04.11.92 Bulletin 92/45(84) Designated Contracting States:
DE GB SE(88) Date of deferred publication of the search report:
09.03.94 Bulletin 94/10(71) Applicant: **NEC CORPORATION**
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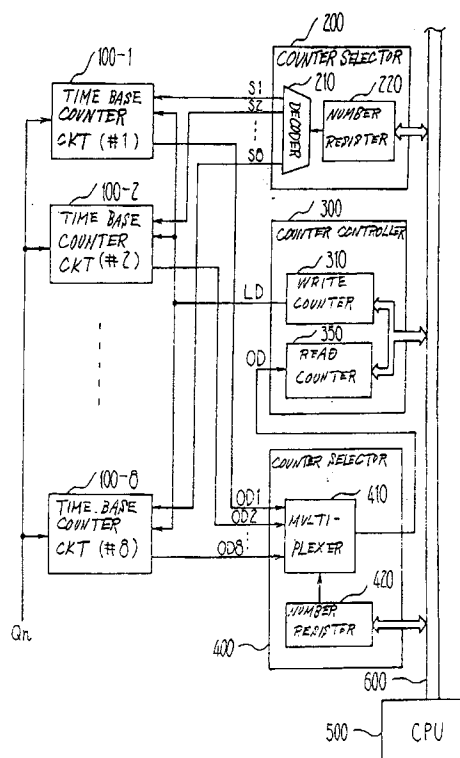
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(54) **Synchronization control circuit for TDMA cellular communication system.**

(57) A synchronization control circuit applicable to a TDMA (Time Division Multiple Access) digital mobile communication system for controlling the transmission and reception time base of a mobile station on which the circuit is mounted. The synchronization control circuit includes a plurality of time base counter circuits each counting down standard clock pulses to generate a plurality of timing pulse sequences having time bases which are respectively associated with the cells of the system. All the time base counter circuits share a single counter controller which controls the writing and reading of counts out of the time base counter circuits. The counter controller selectively produces the outputs of one of the time base counter circuits as a timing pulse sequence. The synchronization control circuit, therefore, is small size and light weight and saves power.

FIG. 2





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EUROPEAN SEARCH REPORT

Application Number
EP 92 10 7145

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
X	EP-A-0 149 136 (IBM) * claims *	1,2	H04B7/26
A	WO-A-80 00902 (WESTERN ELECTRIC COMPANY) * page 4, line 26 - page 5, line 32 *	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			H04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 January 1994	Examiner BISCHOF, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document			